

LEAK-PROOF CLOSURE APPARATUS

Abstract

A leak-proof closure (10) for dispensing liquid from a container (12). The closure (10) contains a recessed channel (11) which forms an outlet passage (13) when the closure (10) is attached to the container (12). When the container (12) is overturned, the liquid will begin to flow into the outlet passage (13) at the fluid entrance (15). The displacement of the liquid from the container (12) will create a partial vacuum in the container (12). This partial vacuum will prevent the liquid from reaching the fluid exit (14), thus it will not leak. When the fluid exit (14) is inserted into the user's mouth and suction is applied, the liquid in the container (12) will flow into the fluid entrance (15), through the outlet passage (13), out of the fluid exit (14), and into the user's mouth.

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